

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	4410513
<b>Application Number:</b>	10649862
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	6352
<b>Title of Invention:</b>	Method and apparatus for I/Q imbalance estimation
<b>First Named Inventor/Applicant Name:</b>	Der-Zheng Liu
<b>Customer Number:</b>	23995
<b>Filer:</b>	Daniel R. McClure/Brooke French
<b>Filer Authorized By:</b>	Daniel R. McClure
<b>Attorney Docket Number:</b>	TOP 312
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<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		00827620.PDF	145891	yes	4
			277ea3867a8ba015cca2edd0f9619f2610 b020		

Multipart Description/PDF files in .zip description			
Document Description		Start	End
Power of Attorney		1	2
Assignee showing of ownership per 37 CFR 3.73(b).		3	4

**Warnings:**

**Information:**

<b>Total Files Size (in bytes):</b>	145891
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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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